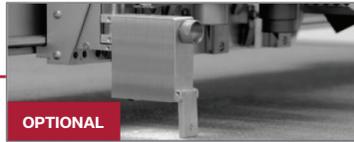


Affordable High Speed Digital Cutting System



OPTIONAL

Optical Auto Tool Calibration
Automatic knife initialization controls the cutting depth accuracy with an infrared sensor.



OPTIONAL

Precise Automatic Positioning System
With the high precision CCD camera the APEXPRO accounts for multiple types of printer distortion that matches registration for high accuracy cuts.



Efficient Cutting Heads
The max cutting speed is 1.5m/s (4 to 6 times faster than manual cutting) which will considerably increase the production efficiency.

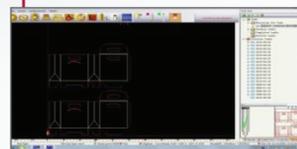
Upgraded Circuit Layout
Newly upgraded circuit layout, optimized access and operation.



Continuous Cutting System
Automated conveyor system makes feeding, cutting and collection work together. Continuous cutting function can cut long pieces saving labor cost and increasing productivity.



Precision Aluminum Table
With multiple vacuum zone system for accurate material hold down.



Integrated Controls
Cutterserver is an intuitive and user friendly control system



Safety Device
Mechanical and optical safety devices ensure the security of the operator.

Precision Control System
X & Y Drive by Belt
15 Vacuum Zones



AFFORDABLE SOLUTIONS



IMPROVED PERFORMANCE



INCREASED PRODUCTIVITY



RELIABILITY YOU CAN DEPEND ON

APEXPRO Tables Ship Fully Assembled

SPECIFICATIONS

| Model | APEXPRO-1312 | APEXPRO-2516 |
|----------------------------|---|--------------|
| Effective cutting area(mm) | 1300×1100 | 2500×1600 |
| Machine dimension(mm) | 2100×1900 | 3200×2400 |
| Weight | 1322.77 lbs-1984.16 lbs | |
| Max cutting speed | 1800mm/s | |
| Max cutting thickness | 50mm/1.97in | |
| Cutting precision | 0.1mm/.004in | |
| File format | DXF /HPGL /ISO | |
| Material hold down | Vacuum | |
| Pump power | 7.5KW/9KW | |
| Electric power | 220V/60HZ | 380V/60HZ |
| Operation environment | Temperature: 32°F-104°F Humidity: 20%-80%RH | |



Top view



Side view



Front view



Ultra-high Strength Integrated Frame

12mm steel frame with exceptional stability

OUTSIDE

Ergonomic Design

High-strength engineering materials

New Appearance

Hidden cable carrier

INSIDE

Diagonal brace built in the gantry
Structural strength increased by 30%



New vacuum design
Air flow increased by 25%

Integrated vacuum zones
Variable vacuum control according to material size

Globally sourced aluminum table construction
Aviation grade for superior rigidity



High airflow design
Enhanced hold power



Affordable High Speed Digital Flatbed Cutting Systems

APEXPRO cutters are an enhanced version of the award winning APEXSERIES platform



Standard Sound Deadening Box
Create a comfortable working environment

Enhanced noise reduction for quieter operation.

65 dB in energy saving mode

Intergrated air circulation for cooling
Optimal heat dissipation

APEXPRO's newly developed air circulation cooling system efficiently dissipates heat and easily withstands demanding environments

Performance and Reliability

- ▶ Multiple Table Size Solutions to match application
- ▶ Dual interchangeable cutting head positions available for many tool combinations
- ▶ Tool Head Modules controlled independently
- ▶ Optical Auto Tool height calibration
- ▶ German engineered 450w router
- ▶ Various material unwinding devices



- ▶ Variable Vacuum Zone table controlled by the interface to adjust the vacuum power & positions for different material needs
- ▶ Aerospace aluminum table for precision and accuracy
- ▶ Offering conveyor table solutions
- ▶ Service and Support by our expert in house engineers and specialists
- ▶ Parts & Supplies in stock at CUTWORX USA, Irving Texas

Productivity You Can Depend on

INCREASE - Capacity and productivity to take on more jobs

IMPROVE - Speed and accuracy of production

CONFIDENCE - In precision and reliability of output day after day

DECREASE - Waste, downtime and labor costs

REMOVE - Production obstacles and process in finishing



Complete Cutting Tools

APEXPRO cutting systems have a complete set of cutting tools for Acrylic, Corrugated board, Fabric/Textiles, Foam, KT Board, Paper PVC, Vinyl and more. The cutting tools support through-cutting, half-cutting, V-cutting, engraving, creasing, marking, etc.

Solutions for Graphics, Packing, Textile, Upholstery Markets

Graphics Markets

- ▶ Commercial print facilities
- ▶ DOT, City/Municipality Sign Shops
- ▶ Packaging/Prototype – opportunity to produce custom tests, and small runs
- ▶ Production Graphic Houses producing POP/POS display work, trade show graphics, etc.
- ▶ Sign PSP's Franchises
- ▶ Soft Signage & Textile production companies
- ▶ Solvent/UV printer owners

Speciality Markets

- ▶ Furniture/Upholstry industry
- ▶ Gasket manufacturing – produce smaller quantity runs and one off's that wont require steel die production
- ▶ Specialty textile – Fire retardant suit mfg example – cutting Kevlar materials that cannot be laser cut
- ▶ Technical textile & Acoustic Panel production for office/building environment applications